



## Product/Process Change Notice - PCN 15\_0183 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

**PCN Title:** AD9965 Die Revision  
**Publication Date:** 30-Oct-2015  
**Effectivity Date:** 28-Jan-2016 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

A re-timing circuit was added to the clock data recovery (CDR) circuit.

### Reason For Change

The CDR had two phase states that were sensitive to elevated temperatures, and rarely could incur a phase jump at start-up, causing a high-speed input/output (HSIO) error. The change corrects this sensitivity.

### Impact of the change (positive or negative) on fit, form, function & reliability

No impact on fit, form, or reliability. The CDR functionality is improved.

### Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan

ADI\_PCN\_15\_0183\_Rev\_-\_AD9965\_Qual Plan.doc

**For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.**

<b>Americas:</b> PCN_Americas@analog.com	<b>Europe:</b> PCN_Europe@analog.com	<b>Japan:</b> PCN_Japan@analog.com
		<b>Rest of Asia:</b> PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (2)**

AD9965 / AD9965BCPZ

AD9965 / AD9965BCPZRL

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	30-Oct-2015	28-Jan-2016	Initial Release

Analog Devices, Inc.

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